

WHAT IS CLAIMED IS:

1. A control method for a moisture meter adapted to measure the moisture percentage of a sample by heating the sample with a heat source and detecting the change of mass,

5 the control method for the moisture meter comprising the steps of:

a moisture percentage detection step of sequentially raising the heating temperature gradually and heating a sample for a preliminary test to detect the change of moisture  
10 percentage;

a parameter detection step of detecting a parameter of a time function indicating the change of the moisture percentage according to the change of moisture percentage detected in the moisture percentage detection step; and

15 a temperature select step of selecting the temperature suitable for heating the sample according to the parameter.

2. The control method for the moisture meter according to claim 1, wherein

20 in the temperature select step, the temperature suitable for heating is selected according to the change of the parameter between the heating temperatures sequentially raised gradually.

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3. The control method for the moisture meter according to claim 1, wherein

in the temperature select step, a parameter detected at the subsequent heating temperature is calculated by a parameter detected at the heating temperature immediately before, and the immediately preceding heating temperature is selected to be suitable for heating by comparison between the calculated parameter and a parameter based on the measured value.

4. The control method for the moisture meter according to claim 1, further comprising:

a heating time calculation step of calculating the time required for heating by the parameter based on the temperature suitable for heating.

5. The control method for the moisture meter according to claim 4, wherein

in the heating time calculation step, on the basis of the measurement accuracy set by an operator, the time function based on the parameter is calculated to calculate the time required for heating.

6. The control method for the moisture meter according to claim 1, wherein

the time function is natural logarithm.

7. A control method for a moisture meter adapted to measure the moisture percentage of a sample comprising:

a sample heating step with a heat source to detect the change of mass,

5 a mass calculation step of calculating the required mass of the sample from the measurement accuracy set by an operator and the measurement accuracy of mass of the sample.

8. The control method for a moisture meter according to claim

10 1, further comprising:

a step of informing an operator of the processing result.

9. A control program for a moisture meter, wherein

the control program is for use in the control method for

15 a moisture meter as in claim 1.

10. A recording medium recording a control program for a moisture meter, wherein

the recording medium records the control program for a

20 moisture meter as in claim 9.

11. A moisture meter, wherein

a condition provided for measurement is calculated by the control method for the moisture meter according to claim

25 1.

12. The moisture meter according to claim 11, comprising:  
an informing means for informing an operator of the  
processing result.

5 13. The control method for a moisture meter according to claim  
7, further comprising:  
a step of informing an operator of the processing result.

14. A control program for a moisture meter, wherein  
10 the control program is for use in the control method for  
a moisture meter as in claim 7.

15. A recording medium recording a control program for a  
moisture meter, wherein  
15 the recording medium records the control program for a  
moisture meter as in claim 14.

16. A moisture meter, wherein  
a condition provided for measurement is calculated by  
20 the control method for the moisture meter according to claim  
7.

17. The moisture meter according to claim 16, comprising:  
an informing means for informing an operator of the  
25 processing result.